BARN FOR COWS AND WORK HORSES

Economical Structure Adapted to Farm Near Town Furnishing Market for Milk.

Construction Such That Perfect Sanltation is Secured, a Most Important Matter-Silo Has Been Placed in Position to Give the Best Advantage.

By WILLIAM A. RADFORD.

Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to the subject of building work on the farm, for the readers of this paper. On account of his wide experience as Editor, Author and Manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. NST Frairie avenue, Chicago, Ill., and only inclose two-cent stamp for reply.

The barn shown here is intended largely for a dairy stable and is copecially fitted to the farm that is near commodated, which is a fair-sized dairy equipment,

A double stall and two single stalls are provided for, so that the work horses can also be stabled in this economy barn.

Such a barn should be as carefully built as the large plants handling hundreds of cows, such as are located near the large cities. The same care on and in the production of it possible for a dairyman to make a

the best sanitary conditions in a dairy stable. These features are taken care of in good style in the well-arranged barn that is shown here. The win-dows are plentiful and are large enough so that the interior will be bright and cheerful. They can be made as casement windows or with a sliding sash, so that they can be opened in the warm weather. Dutch doors are also included, so that the upper part can be left open for addi-tional ventilation in the warm weather.

The ventilating system is most com-EASILY KEPT IN CONDITION carried in through flues and is discharged into the stable in front of the cows and over their heads. The cuttake openings are placed behind the cows and lead to foul-air shafts running up the walls and along the roof to the ventilator placed on the peak. The barn is so well built that it is practically airtight, and the ventilating system must be so well arranged that a plentiful supply of air will be assured during the cold weather.

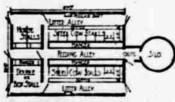
The ceiling over the stable should be made of dressed and matched flooring, so that none of the dust from the haymow will sift down into the stable. Dust has a bad effect on cows, and this method of construction will eliminate danger.

A large storage space is available in the upper part of the barn, as the trussed gambrel roof leaves all the cially fitted to the farm that is also and fodder that can be kept will be a town where a market can be found and fodder that can be kept will be a town where a market can be found for the milk that will be produced by plentiful. A hay track is provided, for the milk that will be produced by plentiful. A hay track is provided, so that the material can be easily that the material can be sept will be a so that the material can be easily that the material can be sept will be a so that the material can be easily that the material can be easily that the material can be sept will be a so that the material can be sept will be a so that the material can be sept will be a so that the material can be sept will be a so that the material can be easily that the materia space open so that the supply of hav is arranged so that 16 cows can be ac- got into the barn. This track extends out through the large sliding hay doors and is protected by a hood roof projection at the peak. The door slides on an inclined track placed just under the eaves. The tendency at the present time is to make the hay doors rather large, so that a good load of hay can be handled readily by the hayfork. With sliding doors this has not made it necessary to waste space in the mow for doors, milk of the highest quality will make and makes the filling of the haymow a simple, quick process.



name for himself and to enlarge his! In such an arrangement a sepa consuming field, with the resulting profit. Quality is the most important horses that are being used, which consideration in milk production, and | makes a building of this type a very the construction of the stable, so that efficient, economical plan for the farm the best sanitary conditions prevail, er who is handling a small herd of is the most important factor in at- dairy cows. taining this result.

The inside of this barn is made in such a way that it can be easily Residents of Dobbs Ferry, N. J. kept in the finest condition. The were shocked recently at the sight of in such a way that it can be easily floors are of concrete, though cork or intoxicated pigeons trying to stagger treated wood block can also be used home after an enforced absence. ried down below frost line to spread belonging to various persons were footings which distribute the weight stolen. Two boys were found with of the barn over a large enough area so that there will be no danger of the building settling. The concrete walls | confessed that they were members o are carried about 18 inches above grade and furnish a protection against James Phillip and Harry O'Leary aid in keeping the building warm. The



Floor Plan of Barn.

joist between the concrete and the walls should be made very carefully, This particular part of the barn should be given careful attention, because it is more likely to be loosely made than any other part.

All the stanchlon fittings are made of iron, which presents a smooth surface that can be easily cleaned. Dust and dirt do not readily collect on such a surface, and the fixtures can be rashed down at the same time as the The surface of stanchion fixso that the fixtures will not rust,

A fairly large sile is built at the barn, and the chute from this goes directly to the feeding althat will readily handle the silage that is need that are to be kept. The floor plan does not show a feed carrier, as the earn is small enough, so that one probsired, however, it can easily be in-

aty of light and a good supply of air are very necessary to secure couples a chance to unlock hands."

rate building is not needed for the

Pigeons Go on a Debauch.

week a hundred pigeons seven pigeons and when arealemed he fore Justice of the Peace Glover they a gang of pigeon thieves. The boys were released on suspended sentences when they promised to get the other lads to liberate the stolen pigeons. This was done and the air was full or

made their home around the brewers lured the recently freed ones to the malt heaps outside the brewery, where all wined and dined. They became inebriated, as their unavailing efforts to get back to their houses testified.

For Better Training of Teachers.

To impress on language department of universities and colleges the need for better training of high school teachers and to develop gradually by precept and example a greater uniformity in the work, a committee of the Modern Language Association of America, of which Prof. A. R. Hohl feld, head of the German department of the University of Wisconsin. chairman, is making a detailed study of the problem on the basis of a questionaire sent to 150 different institutions. The committee, which was ap-pointed in December, 1914, returned a tentative report at the recent annual neeting of the association at Cleve a view to putting its findings into per

By Way of Warning.

"One minute to change the reel." Thus read the customary sign. "Why do you flash that sign? in-quired a friend of the movie magnate, Everybody knows that it takes a

minute to change the reel." "It isn't that. It's to give loving

Wondrous is the strength of cheer-

MEALS FOR SMALL FAMILY.

When buying chicken, save the ing tips, neck and giblets for soup. Save the white meat for creamed chicken or for pudding and one may have several meals from one chicken. Chicken Pudding or Souffle.-Chop the uncooked white meat of the

Put half a cupful of dry bread crumbs with a cunful of milk over the fire to soften, add the chicken, salt, pepper and the yolks of three eggs, benten. Mix well, then fold in the well-beaten whites and put nto a buttered baking dish. Bake in Group with these some pleasing coma moderate oven twenty minutes or until it is firm. Serve at once or it

chicken, then rub it fine.

will fall. It is much better to entertain two to give a large affair which upsets the of the home. On the day or the day before entertaining for an evening company one might have turkey. then the cold slice meat may be used various ways or served in sandwiches for the evening.

A pineapple or Edam cheese keeps well and is perhaps a more economical cheese to buy unless cheese is bought n very small quantities.

Left-over fish may be served in a cream sauce or in a salad, making very good dishes so that one may buy a fish, boil or bake it and not feel that t is too expensive for the small fam-

The following is a good dinner menu for the small family: Tomato soup, broiled slice of fish with lemon butter, potate balls, sliced cucumbers with with onion; serve apple nauce and French dressing, apple pie, cheese and

Mutton Boudins.-Take a pint of finely chopped mutton previously cooked. Cook together for two minutes two tablespoonfuls of soft crumbs and half a cupful of stock or water; add a tablespoonful of butter and the mest nicely seasoned with sait, pepper and onion juice and two well beaten ergs. Fill into greased custard cups. Set in a pan of boiling water and bake until firm. Turn out and garnish each boudin with parsley.

Lack of occupation is not rest. A mind quite idle is a mind distressed.

One doesn't learn much while talking, which may explain why some people know so little.

VEGETABLE DISHES.



Cabbage is one of our wholesome vegetables and if properly cooked, is usually easily digested. Uncooked cabbage is more easily digested than cooked; but if the vegetable is cooked in an open kettle allowing the odors to pass off with the steam, it is found to be more easily di-

With Pork .- This homely, old-fashioned dish, but very appetizing. Place half a pound of salt pork in a kettle of boiling water and cook gently for three hours. Place the cabbage in the kettle with the beiling pork and cook until the cabhage is tender. Serve with vinegar Smoked ham or bacon may be used instead of the pork, if liked,

Celeriac.—This is a delicious vege-table prized by our German friends. and one that should be more often grown. The roots, not the stalks, are They are about the size of a turnip. Pare the celeriac, cut in thin Drain from this water and drop into boiling water and cook until tender. Drain and rinse in cold water, then serve. Celeriac makes a nice cream soup, or simply cooked and season with butter, salt and pepper and used as a vegetable with chicken it is most

through a ricer into a buttered bak ing dish, place in the oven to brown. Gypsy Stew.-Cook together small potatoes until tender, then add two

Force mashed and seasoned potato

to the drained vegetables, and sessor well with salt, pepper and good rich milk heated to the boiling point.

Poisonous Javanese Snake.

As everyone will instantly compre poisonous snake, is so called from its umbrellalike bead. The creature makes a peculiar noise by the nimble moving earth I'm going to get it." "Neither of its tongue and a slight touch of its have I," declared Billikins, stalking off. ange is fatal.

Use for Apple Wood. Apple wood, used almost exclusively for saw handles, also furnishes mate

oriating signs and posters.

FOODS WHICH GO TOGETHER.



are better borne by the palate than many other vegetables. In consequence in many homes they are served daily and oftener. In our food combinations if we eye we will please the

made to go together. For example, mutton with rice, and lamb with peas bination of green vegetables and the main part of the menu is thought out.

three guests on different days than er, cooked cabbage, brussels sprouts or string beans are good combinations cold slaw, celery or sliced tomatoes. With boiled mutton, caper sauce and rice with stewed turnips, or asparagus or green peas.

peas, or a dish of young carrots.

Roast turkey, potato croquettes, boiled onions and a green salad. Cran-

berry jelly. ons and a lettuce salad.

serve orange salad with French dress ing.
Geese-stuff with potato flavored

sauerkraut.

mashed potatoes and lettuce and to mato salad. Broiled chicken, cream sauce, waffles. With fish-potatoes are always

The mintage of wisdom is to know that rest is rust, and that real life is ove, langhter and work.

It is better to know less than to know truck that ain't so -Josh Billings.

FOOD FOR PRIME OF LIFE.

Nature's plans cannot be thwarted as a man sows, shall be also reap."

At fifty, if men and women have lived correctly. physical and mental What you need is an entire change of powers should be at their best, and their The patient seemed puzzled. "But,

gives heat and energy. Business men are as unwise in their noonday lunches as are their wives whom they criticize because theirs consist of a chocolate eclair and a cup of cocoa. One is as absurd as the other. The man who bolts hearty food, hurrying through the meal back to brain work usually has no time for

Neuis Maxwell

"I say, old man," began Jenkins, a chronic borrower, "I'm in a terrible fix. I want some money badly, and I haven't the slightest idea where or

New Source of Wealth

Experiments have shown that the Chinese wood oil tree, from the nut of which an oil used in varnishes is rial for the targe wood .ype used in obtained, can be successfully grown in northern Florida.

is not enough that women should home-makers; but they must make world itself a larger home.-Fran-Willard.

There is no defeat, no call for re-freat can be blown from the bugle of right.-Lillian Stevens.

Beside the hygienic, there is the esthetic side of vegetable and meat combinations. Potatoes have little flavor and

palate and thus the stomach is also pleased.

For a roast beef main dish, mashed or baked potatoes, spinach, cauliflow With boiled beef we like turnips or carrots and plain boiled potatoes, with lettuce with French dressing or a

Breaded chops with tomato sauce and peas. Lamb, mint sauce, rice and

Roast pork, apple sauce, stewed on

Roast duck-stuff with celery and

apple and prunes and the salad be of

Venison-serve a spiced grape jelly

springs from the river of pation?"
enthusiasm, and he is never old who "I'm a keeps in touch with the moving things of life. Physical and mental ourishment cannot be separated and it is yet one of the unaccountable things that we will not recognize it. A perfect old age has its foundation laid in youth. One cannot defy all the laws of God and man for twenty years and expect to enjoy old age Someone has said that four-fifths of the diseases which embitter life are aused from improper food or avoidable errors in diet. The child in the building of his structure needs appropriate food. After the building process is complete he needs only

that food which repairs tissue and

A wholesome meal for a brain worker, who takes time to masticate it, is a small piece of red meat, carefully cooked, a baked potato, a sliced omato, some boiled rice or a baked apple with cream, cup custard or sponge cake with stewed prunes, whole-wheat bread, with plenty of butter, and a moderate use of coffee

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Story That Defies Time.

the Book of Job which only Job could have the patience to read. A hundred books have been written and many a knew his daughter, Mary. Went to song has been sung with the fortunes school with her. They say that after of Mary Stuart for their burden, but walting nearly 15 years she married these have been redeemed from the a struggling young man." duliness which has so often fallen "Ain't no doubt about that strug upon even the stupendous drama of giin' part of it." was the grinning rethe Old Testament by the mystery and Joinder of the oldest inhabitant. "Seth glamour which ever wait upon the Scot-

More than three centuries have passed since she stood to her trial in Fotheringay castle, yet time, that covers most things with its weeds, has been powerless to impair the interest

Wrong Diagnosis.

"Your condition is very serious, said the doctor-"very serious indeed.

manner of living then decides whether these powers continue to a ripe old age. The foun- scene is the only thing that will cure if you will seemed him and he spen coloring it." tain of eternal youth you. By the way, what is your occu

of her story.

This is Awful. 'Are you Hungary?"

"Yes, Stam." Well, come along; I'll Fiji."

EXPERIMENTS Teach Things of Value.

periment of leaving off coffee and drinking Postum, it is still easy to learn something about it by reading the experiences of others. Drinking Postum is a pleasant way

Where one has never made the ex

out of coffee troubles. A Penn. man "My wife was a victim of nervous ness, weak stomach and loss of ap-

petite for years; and although we re-

sorted to numerous methods for re-Hef, one of which was a change from coffee to tea, it was all to no purpos "We knew coffee was causing the trouble but could not find anything to Within two weeks after she quit coffee and began using Postum alm her troubles had disappeared as if by magic. It was truly wonderful. Her nervousness was gone, stomach trou-ble relieved, appetite improved and,

and refreshing. "This sounds like an exaggeration as it all happened so quickly. Each Postum was undoubtedly strengthen ing her. Every particle of this good work is due to drinking Postum place of coffee." Name given by Postum Co., Battle Creek, Mich.

we all, a night's rest was complete

Postum Cereal—the original form— must be well boiled. 15c and 25c pkgs. dissolves quickly in a cup of hot water, and, with cream and sugar, makes delicious beverage instantly. 30e PATENTS Watson E. Coleman, Washington, D.C. Books free High-

Both forms are equally delicious and cost about the same per cup. "There's a Reason" for Postum

"I'll give you just one more chance, you poor Frivol, you. What are you "Everybody," said Wagge. 'As usual, ch?" said Bingleton, as

"Clever boy! But I mean what have you on foot?"

"O, come off, Wagge. What are you

"Shoes," said Wagge, solemnly.

'Dust," said Wagge.

"Date," sighed Wagge.

he shoved the remains down the near-est available coalbole.— New York

Abner Was Landed. A man returned to his home town fter an absence of many years, and rambled down to the corner grocery

"I suppose," remarked the oldest inhabitant in handing him information, "that you remember Sim Simpkins?" "O, yes! I knew Sim very well," answered the former resident. "I also

"Ain't no doubt about that strugdone his darnedest to git away, but

FITS, EPILEPSY, FALLING SICKNESS Stopped Quickly. Fifty years of uninterrupted success of ir. Kines Epilepsy Medicine Innines lasting results. Lastic Trial Bottle First. DR. KLINE COMPANY, Red Bank, N. J.-Adv.

Mary landed him, all right.

Busy.
"Jimson has become very devoted to his family all of a sudden What makes you think so?"

"Well, I haven't seen him at his usual haunts for nearly a month." "That doesn't prove anything. The fact of the matter is, somebody presented him with a meerschaum pipe and he spends his evening at home

If you wish beautiful, clear white clothes, use Red Cross Bag Blue. At all good grocers. Adv.

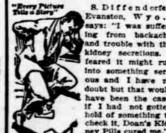
Strenuous. "What do you mean by referring to game he can play is pinochle, and you'd hardly call that an athletic

"It is the way Wiggins plays it. You ought to see him pound the table when he trumps the other fellow's ace."

Answer the Alarm!

A bad back makes a day's work twice as hard. Backache usually comes from weak kidneys, and if headaches, dizzi-ness or urinary disorders are added, don't wait—get help before dropsy, gravel or Bright's disease set in. Doan's Kidney Pills have brought new life and new strength to thousands of working men and women. Used and recommend-

A Wyoming Case

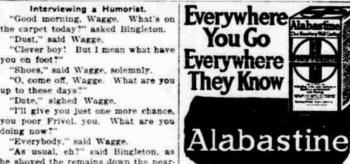


says: "I was suffering from backache and trouble with the kidney secretions. I feared it might run feared it might run feared to might run feared to might run feared to might series and the series and the series are the series and the series are the series and the series are have been the case check it, Doan's Ki

DOAN'S HIDNEY
POSTER-MELBURN CO., BUFFALO, N. Y.

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GALLSTONES



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